

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| L1    | 49   | ("4489973" "5846047" "5715903"<br>"5458213" "4828151" "6231104"<br>"4420989" "20050223842"<br>"5461936" "20050236203"<br>"20020084619" "20050206117"<br>"4800664" "6953201" "4981243"<br>"4630703" "5257552" "5832786"<br>"20030106974" "5829316"<br>"6035741" "4286699" "5623855"<br>"5966993" "6907952"<br>"20020100628" "5685201"<br>"6213237" "6213237" "4627632"<br>"4290228" "6698257"<br>"20030226383" "4854412"<br>"5377558" "6122991" "5405159"<br>"5586780" "6854628" "5000469"<br>"4479663" "4296643" "4447069"<br>"4754901" "4756454" "4828251"<br>"4964192" "5222752" "5533899"<br>"5771305" ).pn. | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/24 22:40 |
| S1    | 470  | 280/274   | US-PGPUB;<br>USPAT | AND              | OFF     | 2006/08/02 21:46 |
| S2    | 1223 | 280/274 280/279   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/02/13 21:16 |
| S3    | 902  | 280/279   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/10/17 01:29 |
| S4    | 669  | 74/551.1  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/10/17 02:23 |
| S5    | 565  | 74/543  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/10/17 02:48 |
| S6    | 20   | 74/543 handlebar  | US-PGPUB;<br>USPAT | AND              | OFF     | 2005/05/25 15:03 |
| S7    | 6    | 74/544 handlebar  | US-PGPUB;<br>USPAT | AND              | OFF     | 2005/05/25 15:04 |
| S8    | 1    | 74/546 handlebar  | US-PGPUB;<br>USPAT | AND              | OFF     | 2005/05/25 15:04 |
| S9    | 230  | 74/551.3 handlebar  | US-PGPUB;<br>USPAT | AND              | OFF     | 2006/07/14 00:01 |
| S10   | 146  | 74/488 handlebar  | US-PGPUB;<br>USPAT | AND              | OFF     | 2006/02/13 22:21 |
| S11   | 385  | 74/551.3  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/05/25 15:08 |
| S12   | 1223 | 280/274 280/279   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/05/25 15:20 |
| S13   | 420  | 74/551.1 NOT S12  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/05/25 15:21 |

## EAST Search History

|     |     |                 |                    |     |     |                  |
|-----|-----|-----------------|--------------------|-----|-----|------------------|
| S14 | 291 | S13 NOT S11     | US-PGPUB;<br>USPAT | OR  | OFF | 2005/05/25 15:21 |
| S15 | 275 | S14 NOT S10     | US-PGPUB;<br>USPAT | OR  | OFF | 2005/05/25 15:21 |
| S16 | 179 | 74/482          | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 15:49 |
| S17 | 346 | 403/289         | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 15:55 |
| S18 | 546 | 403/290         | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 15:55 |
| S19 | 373 | 403/290 NOT S17 | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 16:43 |
| S20 | 338 | 403/385 NOT S17 | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 16:44 |
| S21 | 0   | S20 NOT15       | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 16:45 |
| S22 | 333 | S20 NOT S18     | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 17:11 |
| S23 | 283 | 403/399         | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 17:11 |
| S24 | 280 | S23 NOT S17     | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 17:12 |
| S25 | 277 | S24 NOT S18     | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 17:12 |
| S26 | 241 | S24 NOT S22     | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 20:20 |
| S27 | 220 | 403/386         | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 20:45 |
| S28 | 451 | 403/389         | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 20:56 |
| S29 | 478 | 403/391         | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 21:06 |
| S30 | 430 | 403/396         | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 21:06 |
| S31 | 416 | S30 NOT S27     | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 21:06 |
| S32 | 290 | S31 NOT S28     | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 21:06 |
| S33 | 0   | ^ NOT S29       | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 21:06 |
| S34 | 221 | S32 NOT S29     | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 21:10 |
| S35 | 290 | 403/398         | US-PGPUB;<br>USPAT | AND | OFF | 2005/05/25 21:10 |

## EAST Search History

|     |         |   |   |     |     |                  |
|-----|---------|---|---|-----|-----|------------------|
| S36 | 1116590 | adjustable  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/05/26 12:25 |
| S37 | 12480   | Handlebar   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/05/26 12:25 |
| S38 | 34935   | motorcycle  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/05/26 12:25 |
| S39 | 685023  | clamp   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/05/26 12:26 |
| S40 | 2730    | S36 S37   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/05/26 12:26 |
| S41 | 858     | S39 S40   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/05/26 12:26 |
| S42 | 154     | S41 S38   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/10/17 02:51 |
| S43 | 1       | ("6578652").PN.   | USPAT;<br>USOCR   | OR  | OFF | 2005/05/26 12:34 |
| S44 | 4       | ("5829316"   "6104099"   "6176503"<br>  "6331089").PN. OR ("6712541").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | OFF | 2005/05/26 17:50 |

## EAST Search History

|     |    |  |                              |    |     |                  |
|-----|----|--|------------------------------|----|-----|------------------|
| S45 | 10 | ("4456090"   "5435204"   "5458213"   "5737967"   "5755141"   "6152474"   "6173983"   "6217050"   "6234042").PN. OR ("6578652").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/26 17:51 |
| S46 | 23 | ("0586591"   "0586897"   "0626736"   "0734742"   "2229778"   "3567250"   "4276787"   "4705269"   "5078391"   "5148327"   "5154094"   "5195394"   "5197350"   "5326122"   "5429013"   "6120050").PN. OR ("6662680").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/26 17:52 |
| S47 | 9  | ("1502151"   "3243006"   "5511444"   "5752711"   "6026939").PN. OR ("6325402").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/26 17:54 |
| S48 | 11 | ("0556398"   "2469542"   "3248684"   "4273465"   "5570614"   "5755141"   "5769556"   "5921145").PN. OR ("6394694").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/26 17:54 |
| S49 | 49 | ("3877539"   "4057264"   "4438909"   "4441593"   "4455032"   "4458605"   "4558761"   "4585245"   "4616810"   "4697824"   "4721322"   "4786037"   "4821983"   "4830348"   "4881750"   "4964625"   "4971344"   "5009451"   "5022501"   "5088705"   "5098120"   "5181696"   "5186481"   "5193832"   "5195766"   "5201244"   "5238259"   "5248159"   "5269549"   "5275264"   "5284352"   "5301974"   "5320374"   "5328196"   "5346236"   "5350185"   "5359910"   "5380026"   "5417446"   "5435584"   "5441291").PN. OR ("5829773").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/26 17:55 |
| S50 | 34 | ("0393387"   "0545948"   "0556880"   "0576831"   "0583022"   "0589147"   "0609937"   "0614774"   "0623507"   "0624182"   "0641858"   "1388961"   "2511320"   "3889975"   "4288171"   "4830390").PN. OR ("5603521").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/26 17:57 |
| S51 | 7  | ("0551173"   "0601792"   "5273302"   "5755141").PN. OR ("5931049").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/26 17:58 |

## EAST Search History

|     |      |  |   |     |     |                  |
|-----|------|--|---|-----|-----|------------------|
| S52 | 30   | ("0393387"   "0545948"   "0556880"<br>  "0576831"   "0583022"  <br>"0589147"   "0609937"   "0614774"<br>  "0623507"   "0641858"  <br>"1388961"   "2511320"   "3889975"<br>  "4288171"   "4830390"  <br>"6241182").PN. OR ("5290052").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR  | OFF | 2005/05/26 18:00 |
| S53 | 15   | ("2771300"   "3197552"   "3524979"<br>  "3633437"   "4312336"  <br>"5052241"   "5370412"   "5795092"<br>  "5903214"   "5921139").PN. OR<br>("6331089").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR  | OFF | 2005/05/26 18:02 |
| S54 | 481  | 280/274  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/10/17 01:27 |
| S55 | 924  | 280/279  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/10/17 01:29 |
| S56 | 1254 | 280/274 280/279  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/10/17 02:21 |
| S57 | 685  | 74/551.1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/10/17 02:43 |
| S58 | 1    | ("D320548").PN.  | USPAT   | OR  | OFF | 2005/10/17 02:44 |
| S59 | 1    | ("0229670").PN.  | USPAT   | OR  | OFF | 2005/10/17 02:44 |
| S60 | 1    | ("5435354").PN.  | USPAT   | OR  | OFF | 2005/10/17 02:45 |
| S61 | 6    | ((("4217061") or ("4102589") or<br>("6035741") or ("6474900") or<br>("5704526") or ("4707892"))).PN.   | USPAT   | OR  | OFF | 2005/10/17 02:46 |
| S62 | 569  | 74/543   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/10/17 02:48 |

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|     |         |  |   |     |     |                  |
|-----|---------|--|---|-----|-----|------------------|
| S63 | 1133570 | adjustable   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/10/17 02:51 |
| S64 | 13001   | Handlebar  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/10/17 02:51 |
| S65 | 36629   | motorcycle   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/10/17 02:51 |
| S66 | 696329  | clamp  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/10/17 02:51 |
| S67 | 2846    | S63 S64  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/10/17 02:51 |
| S68 | 900     | S66 S67  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/10/17 02:51 |
| S69 | 173     | S68 S65  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/10/17 02:51 |
| S70 | 23      | ("0586591"   "0586897"   "0626736"<br>  "0734742"   "2229778"  <br>"3567250"   "4276787"   "4705269"<br>  "5078391"   "5148327"  <br>"5154094"   "5195394"   "5197350"<br>  "5326122"   "5429013"  <br>"6120050").PN. OR ("6662680").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | OFF | 2005/10/17 03:08 |
| S71 | 0       | ("2002/0108465").URPN.   | USPAT   | OR  | OFF | 2005/10/17 03:09 |

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|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| S72 | 24      | ("0282297"   "4750754"   "5094322"   "5154094"   "5197350"   "5235871"   "5285696"   "5285698"   "5301570"   "5319994"   "5421220"   "5425285"   "5570614"   "D334164"   "D346145"   "D346574"   "D347613"   "D351577").PN. OR ("5899117").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/10/17 03:09 |
| S73 | 50      | ("0229670"   "1056576"   "1468110"   "1929361"   "2212156"   "2295051"   "2452406"   "2469542"   "2565793"   "2651026"   "2686029"   "2769895"   "2791623"   "2858522"   "2866657"   "3146982"   "3161721"   "3349927"   "3568959"   "3613904"   "3677584"   "3712415"   "3963855"   "4275872"   "4355922"   "4443128"   "4453755"   "4479661"   "4480497"   "4495834"   "4708297").PN. OR ("D320548").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/02/13 19:07 |
| S74 | 50      | ("4489973" "5715903" "5846047" "4828151" "5405159" "5586780" "6231104" "5275067" "5461936" "5829316" "6035741" "6164676" "5285696" "4981243" "4627632" "4290228" "4630703" "4854412" "5377558" "6122991" "6698257" "6953201" "5257552" "5458213" "5832786" "6006357" "5320374" "5494302" "5702092" "5924714" "6003639" "6007056" "6135477" "6145862" "6155541" "5342074" "4296643" "4964192" "5222752" "5743547" "6928897" "4346619" "4815763" "5186074" "5209508" "5220851" "6003405" "6010140" "5615585" "5224396").pn. | USPAT   | OR | ON  | 2006/02/13 19:07 |
| S75 | 1146997 | adjustable  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/13 19:30 |
| S76 | 13352   | Handlebar   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/13 19:30 |

## EAST Search History

|     |        |   |   |     |     |                  |
|-----|--------|---|---|-----|-----|------------------|
| S77 | 705223 | clamp   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/02/13 19:30 |
| S78 | 2931   | S75 S76   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/02/13 19:30 |
| S79 | 925    | S77 S78   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/02/13 19:30 |
| S80 | 1289   | 280/274 280/279   | US-PGPUB;<br>USPAT  | OR  | OFF | 2006/02/13 21:17 |
| S81 | 1289   | 280/274 280/279   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR  | OFF | 2006/02/13 21:17 |
| S82 | 19     | ("3966230"   "4493749"   "4541649"<br>  "4856800"   "4900050"  <br>"4902160"   "5116071"   "5122210"<br>  "5271784"   "5346237"  <br>"5364115"   "5613794"   "5842711"<br>  "5857690"   "5876054"  <br>"6267399"   "6270104"   "6340509"<br>  "RE35335").PN. OR ("6994367").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | ON  | 2006/02/13 21:24 |
| S83 | 10     | ("4275900"   "4735276"   "5456480"<br>  "5478099"   "5848675"  <br>"5996745"   "6017047"   "6026939"<br>  "6382370"   "6669218").PN. OR<br>("6979011").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | ON  | 2006/02/13 21:58 |
| S84 | 10     | ((("5349977") or ("6079431") or<br>("2621384") or ("6877465"))).PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR  | OFF | 2006/02/13 22:00 |
| S85 | 2138   | (403/289,290,385,399,386,391,<br>396).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR  | OFF | 2006/02/13 22:01 |



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|     |     |  |   |     |     |                  |
|-----|-----|--|---|-----|-----|------------------|
| S86 | 148 | 74/488 handlebar   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/02/13 22:21 |
| S87 | 10  | ((("5290052") or ("5426013") or ("5570614") or ("5603521") or ("6331089") or ("6394694") or ("6662680") or ("d320548") or ("20020108465") or ("6010140"))).PN.   | US-PGPUB;<br>USPAT                                      | OR  | OFF | 2006/02/13 23:21 |
| S88 | 5   | ((("5290052") or ("5426013") or ("5570614") or ("d320548") or ("6010140"))).PN.  | US-PGPUB;<br>USPAT                                      | OR  | OFF | 2006/02/13 23:21 |
| S89 | 30  | ("0393387"   "0545948"   "0556880"   "0576831"   "0583022"   "0589147"   "0609937"   "0614774"   "0623507"   "0641858"   "1388961"   "2511320"   "3889975"   "4288171"   "4830390"   "6241182").PN. OR ("5290052").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR  | ON  | 2006/02/13 23:22 |
| S90 | 18  | ("0567663"   "1263249"   "1987404"   "2180617"   "4930738"   "5154095"   "5209506").PN. OR ("5570614").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR  | ON  | 2006/02/13 23:23 |
| S91 | 50  | ("0229670"   "1056576"   "1468110"   "1929361"   "2212156"   "2295051"   "2452406"   "2469542"   "2565793"   "2651026"   "2686029"   "2769895"   "2791623"   "2858522"   "2866657"   "3146982"   "3161721"   "3349927"   "3568959"   "3613904"   "3677584"   "3712415"   "3963855"   "4275872"   "4355922"   "4443128"   "4453755"   "4479661"   "4480497"   "4495834"   "4708297").PN. OR ("D320548").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR  | ON  | 2006/02/13 23:24 |
| S92 | 9   | ("3185489"   "4638682"   "4771651"   "5033325"   "5163339").PN. OR ("6010140").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR  | ON  | 2006/02/13 23:27 |
| S93 | 15  | ("4091171"   "4385376"   "4500889"   "4548889"   "4636806"   "4640860"   "4703139"   "4775568"   "4786538"   "4935336"   "4981772"   "4998239"   "5045373"   "5100700"   "5271978").PN. OR ("5426013").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR  | ON  | 2006/02/13 23:28 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S94      | 2    | ("5429013").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/13 23:28 |
| S95      | 25   | ("0567663"   "0586678"   "0587626"<br>  "0599564"   "0615793"  <br>"3289493"   "4337962"   "4750754"<br>  "4878397"   "4951525"  <br>"5024119"   "5033325").PN. OR<br>("5429013").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/02/13 23:28 |
| S96      | 4257 | ((403/290,385,386,389,391,396,<br>398,399,298) or (280/274,279) or<br>(74/551.1,482)).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/09 04:05 |
| S97      | 1858 | ((403/177,191,196) or (280/276,<br>277,278,280)).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/13 20:29 |
| S98      | 4270 | ((403/290,385,386,389,391,396,<br>398,399,298) or (280/274,279) or<br>(74/551.1,482)).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/02/16 00:55 |
| S99      | 1550 | S97 not S98   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/13 20:31 |
| S10<br>0 | 1039 | ((248/227.3,230.1,230.7) or<br>(24/279)).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/13 23:07 |
| S10<br>1 | 1016 | S100 not (S97 S98)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/13 21:19 |
| S10<br>2 | 11   | ("2308371" "20030006083" "200300<br>70505" "20050246869" "3126191" "<br>4729255" "4776422" "4815555" "53<br>01570" "0561329" "6578652").PN.   | US-PGPUB;<br>USPAT                                      | OR | ON  | 2006/07/14 00:00 |

## EAST Search History

|          |     |   |   |     |     |                  |
|----------|-----|---|---|-----|-----|------------------|
| S10<br>3 | 790 | (triple double) adj clamp                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/07/14 00:01 |
| S10<br>4 | 206 | (triple double) adj clamp and<br>(motorcycle cycle bicycle) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/08/03 16:38 |
| S10<br>5 | 1   | ("5405113").PN.   | USPAT   | OR  | OFF | 2006/07/14 19:23 |
| S10<br>6 | 1   | (double triple) adj clamp                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/08/02 21:46 |
| S10<br>7 | 709 | (double triple) adj clamp                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/08/02 21:46 |
| S10<br>8 | 78  | S107 and cycle  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/08/02 21:47 |
| S10<br>9 | 709 | (double triple) adj clamp                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/08/02 23:53 |
| S11<br>0 | 631 | S109 not cycle  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/08/02 22:59 |
| S11<br>1 | 2   | ("5405113").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR  | OFF | 2006/08/02 23:12 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S11<br>2 | 28   | ("3967475"   "4155231"   "4736921"<br>  "5076526").PN. OR ("5405113").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/08/02 23:12 |
| S11<br>3 | 76   | S109 and offset  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/02 23:53 |
| S11<br>4 | 27   | ("229670").URPN.   | USPAT   | OR | ON  | 2006/08/03 00:04 |
| S11<br>5 | 369  | harden\$3 adj ratio  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/03 16:38 |
| S11<br>6 | 104  | hardening adj ratio  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/03 16:38 |
| S11<br>7 | 0    | hardening adj ratio near shaft   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/03 16:38 |
| S11<br>8 | 23   | hardening adj ratio and shaft  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/03 16:39 |
| S11<br>9 | 8127 | ((403/290,385,386,389,391,396,<br>398,399,298,177,191,196) or<br>(280/274,279,276,277,278,280,279)<br>or (74/551.1,482,543,544,546,488,<br>551.3) or (248/227.3,230.1,230.7)<br>or (24/279)).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2007/02/20 05:40 |
| S12<br>0 | 8129 | ((403/290,385,386,389,391,396,<br>398,399,298,177,191,196) or<br>(280/274,279,276,277,278,280,279)<br>or (74/551.1,482,543,544,546,488,<br>551.3) or (248/227.3,230.1,230.7)<br>or (24/279)).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2007/02/20 06:03 |

## EAST Search History

|          |       |   |   |    |     |                  |
|----------|-------|---|---|----|-----|------------------|
| S12<br>1 | 17584 | (handle adj bar handlebar hand adj grip) and (bike bicycle motorcycle)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/20 06:04 |
| S12<br>2 | 5672  | (handle adj bar handlebar hand adj grip) near (bike bicycle motorcycle)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/20 06:04 |
| S12<br>3 | 3152  | (handle adj bar handlebar hand adj grip) near (bike bicycle motorcycle) and (supplement\$2 second\$3 add adj on)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/20 06:05 |
| S12<br>4 | 1115  | (handle adj bar handlebar hand adj grip) near (bike bicycle motorcycle) and (supplement\$2 second\$3 add adj on) and clamp  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/20 06:05 |
| S12<br>5 | 8239  | ((403/290,385,386,389,391,396,398,399,298,177,191,196) or (280/274,279,276,277,278,280,279) or (74/551.1,482,543,544,546,488,551.3) or (248/227.3,230.1,230.7) or (24/279)).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2007/09/21 13:36 |
| S12<br>6 | 1317  | (motorcycle motor adj cycle) near (handlebar handle adj bar)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/24 21:48 |
| S12<br>7 | 120   | (motorcycle motor adj cycle) near (handlebar handle adj bar) with clamp\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/24 21:49 |

## EAST Search History

|          |     |  |   |    |    |                  |
|----------|-----|--|---|----|----|------------------|
| S12<br>8 | 128 | (US-20070013163-\$ or<br>US-20060230872-\$ or<br>US-20060087096-\$ or<br>US-20050223842-\$ or<br>US-20050212252-\$ or<br>US-20050186029-\$ or<br>US-20050140114-\$ or<br>US-20050066766-\$ or<br>US-20040041065-\$ or<br>US-20020108465-\$ or<br>US-20040247384-\$ or<br>US-20030006083-\$ or<br>US-20010015539-\$ or<br>US-20040046351-\$ or<br>US-20030049090-\$ or<br>US-20070209166-\$).did. or<br>(US-6244131-\$ or US-6073977-\$ or<br>US-6035741-\$ or US-7159883-\$ or<br>US-5931428-\$ or US-5931049-\$ or<br>US-6988740-\$ or US-7143662-\$ or<br>US-5829773-\$ or US-7018126-\$ or<br>US-5461936-\$ or US-1263560-\$ or<br>US-6979011-\$ or US-6976691-\$ or<br>US-6920806-\$ or US-6953201-\$ or<br>US-6742794-\$ or US-6736543-\$ or<br>US-6702509-\$ or US-6684732-\$ or<br>US-6662680-\$ or US-6584872-\$ or<br>US-6578652-\$ or US-6594869-\$ or<br>US-6547269-\$ or US-6490765-\$).<br>did. or (US-6467372-\$ or<br>US-6439799-\$ or US-6408714-\$ or<br>US-6394694-\$ or US-6343891-\$ or<br>US-6325402-\$ or US-6322283-\$ or<br>US-6192773-\$ or US-6058800-\$ or<br>US-5899117-\$ or US-5888197-\$ or<br>US-5848799-\$ or US-5715903-\$ or<br>US-5634652-\$ or US-5755141-\$ or<br>US-5689862-\$ or US-5603521-\$ or<br>US-5570614-\$ or US-5501506-\$ or<br>US-5429013-\$ or US-5405113-\$ or<br>US-5290052-\$ or US-5273302-\$ or<br>US-5209508-\$ or US-5186074-\$ or<br>US-5224396-\$ or US-6802519-\$).<br>did. or (US-6712541-\$ or<br>US-6711966-\$ or US-6688175-\$ or<br>US-6702311-\$ or US-6557437-\$ or<br>US-D354259-\$ or US-5163339-\$ or<br>US-D320548-\$ or US-4854412-\$ or<br>US-4479661-\$ or US-4132428-\$ or<br>US-6421879-\$ or US-6010140-\$ or<br>US-4023436-\$ or US-4630703-\$ or<br>US-6331089-\$ or US-D396835-\$ or<br>US-6726166-\$ or US-4288171-\$ or<br>US-4273465-\$ or US-4089087-\$ or<br>US-4707892-\$ or US-4783119-\$ or<br>US-6120050-\$ or US-5088705-\$ or<br>US-5435354-\$ or US-6474900-\$).<br>did. or (US-5704526-\$ or<br>US-4217061-\$ or US-4102580-\$ or | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/09/24 22:22 |
|----------|-----|--|---|----|----|------------------|